

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

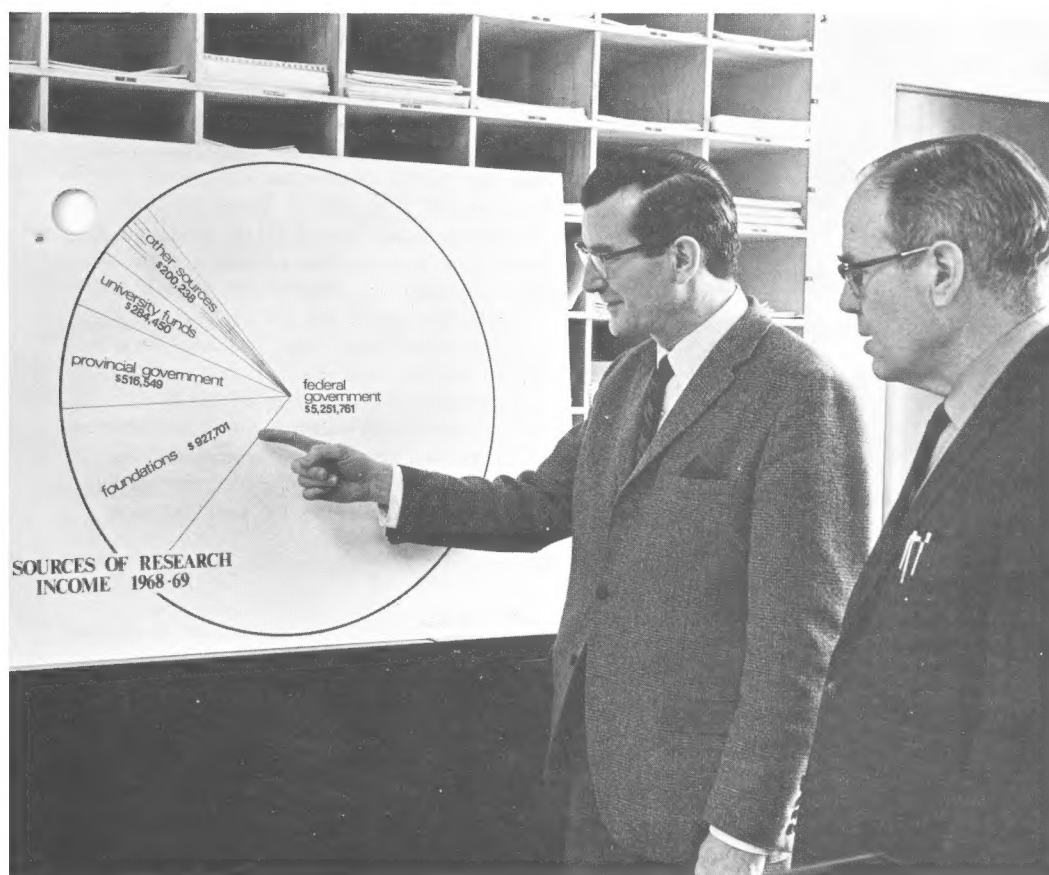
EDMONTON 7, ALBERTA

FEBRUARY 26, 1970

Research funds: where they come from and how we rate

FIGURE 1

Sources of research income for staff members at The University of Alberta, 1968-69



GORDON A. HOLMES (left), Research Grants Officer, has completed an extensive statistical survey of research funds given to University staff members. The chart he is discussing with A. G. MC CALLA, Acting Vice-President (Academic), shows the sources of research funds provided to staff members here during 1968-69. This information is given in greater detail in Figure 2. The Research Grants and Contracts Office, which was established with Mr. Holmes's appointment last fall, provides information on research monies available, and assists staff members who wish to apply for grants.

G. A. HOLMES, Research Grants Officer for the University, recently completed a major survey of research grants made to staff members at The University of Alberta.

These statistics indicate a steady rise in research income over the past four years, with the 1968-69 total of \$7,180,699 representing a 102 per cent increase over that for 1965-66 (\$3,548,794).

According to the information compiled (see Figures 1 and 2), in 1968-69 federal government departments and agencies provided almost three-quarters of the research monies at this University: \$5,251,761 of \$7,180,699. Grants from the National Research Council and the Medical Research Council together account for \$4,652,499 of this, approximately 65 per cent of the University's total research income for that year.

Next in order are associations, foundations, and institutes, which provide just under 13 per cent; provincial government departments and agencies, providing about 7 per cent; and The University of Alberta operating budget, almost 4 per cent.

Research funds from business and industry constitute less than 2 per cent of the total, and funds granted through the United States Government amount to less than one-third of one per cent. Income from the latter source is showing a marked downward trend, with the 1968-69 figure the lowest for the four year period. (See Figure 3.)

The 1968-69 *NRC Annual Report on Support of University Research* shows that The University of Alberta ranks fourth among Canadian universities with reference to operating and equipment grants awarded (see Figure 4), receiving \$2,813,291 (this figure excludes a computer facilities grant of \$248,910 and a negotiated major grant of \$350,000).

The largest sum of research money from the NRC and the Atomic Energy Control Board went to the University of Toronto (\$4,451,298); second was the University of British Columbia (\$4,059,598); third was McGill University (\$2,840,418). The total of NRC and Atomic Energy Control Board

FIGURE 2

Sources of research income by order of magnitude, 1968-69

	Amount	Per cent of total
(1) Federal government departments and agencies	\$5,251,761	73.14
(2) Associations, foundations, and institutes	927,701	12.92
(3) Provincial government departments and agencies	516,549	7.19
(4) The University of Alberta operating budget	284,450	3.96
(5) Business and industry	124,336	1.73
(6) Revenue re animal care	22,768	.32
(7) United States Government	21,696	.30
(8) Municipalities, schools, and counties	18,435	.26
(9) Individuals	9,803	.14
(10) Other	3,200	.04
Total	\$7,180,699	100.

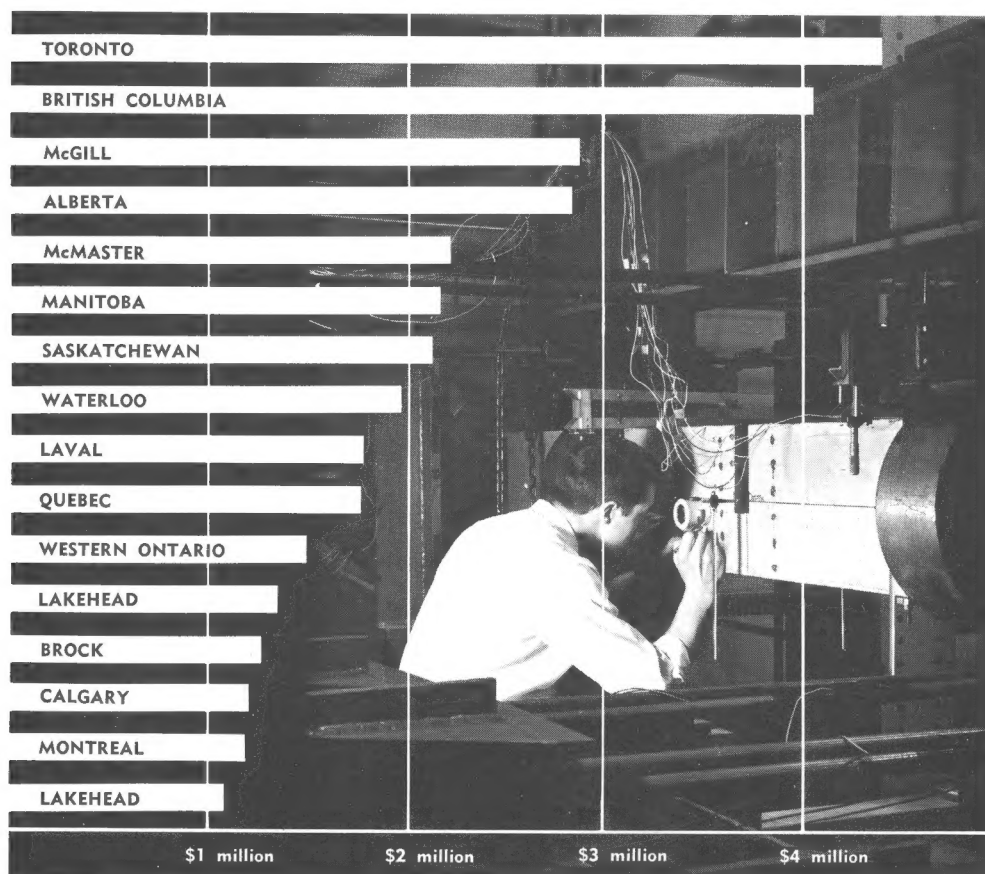
Compiled by the Research Grants and Contracts Office, The University of Alberta.

FIGURE 4

Grants to Canadian universities, 1968-69

Operating and equipment grants for 1968-69, by university, made by the National Research Council and the Atomic Energy Control Board are shown below. The chart excludes grants for computer facilities, and negotiated major grants (The University of Alberta received a computer facilities grant of \$248,910 and a negotiated major grant of \$350,000). It shows only those universities which received operating and equipment grants of more than \$1,000,000. In addition, eight universities received between \$500,000 and \$1,000,000, and 26 received less than \$500,000.

The information was compiled by the Research Grants and Contracts Office from the lists of individual awards to university staff members as presented in the NRC Annual Report on Support of University Research for 1968-69. It has been simplified for publication in FOLIO.



operating and equipment grants for 1968-69 was \$39,279,779.

Mr. Holmes feels that the results of this survey are most encouraging, for they show that, even in a tight money market, research directors at this University are able to compete successfully for funds in support of their research projects. The fact that The University of Alberta ranked fourth in Canada in the allocation of NRC and Atomic Energy research funds in 1968-69 is a notable indicator of that ability.

SOD TURNED FOR LAW CENTRE

The sod-turning ceremony for the new Law Centre was held Friday, February 13. S. BRUCE SMITH, Chief Justice of Alberta, officiated. He said, "I am . . . proud as a graduate of this University to have the opportunity of participating in this ceremony, fifty years after my graduation in Arts and forty-nine years from the date of my admission to the Bar. . . ."

"I have watched the growth and development of the law school from its establishment in the year 1924 under the distinguished deans who have led it: JOHN WEIR, WILBER BOWKER, and GERALD V. LA FOREST. From modest beginnings it has grown to an institution of substantial size and has reached a high rank amongst the leading law schools of Canada. Our deans and the teachers in our law school have been dedicated men to whom we owe very much. I trust that this law school will continue to be led by devoted men who will bring to bear 'boldness, integrity, and courage' to the end that the law will be nurtured and developed on this site to assist in meeting the ever changing needs of the people. . . ."

NOTICES

WEST INDIAN WEEK

The West Indian Society will hold its West Indian Week on campus from Saturday, February 28 to Friday, March 6. Events will include a tropical night club, an exhibition of West Indian arts and crafts, a fashion show, steel band, combos, and a "Jump-Up" to be held at the Hazeldean Community Centre.

ROAD CLOSURES

The Campus Development Office gives notice of the closing of two roads on the campus. Phase 5A of the sewer program necessitates the closing of 89 Avenue from the southeast corner of the Medical Sciences Building to 112 Street. This will be in effect from March 2 for approximately six

FIGURE 3

Detailed analysis of research income by source, 1965-66 to 1968-69

Granting Agency	1965-66		1966-67			1967-68			1968-69		
	Amount	Per cent of total	Amount	Per cent increase or (decrease) from previous year	Per cent of total	Amount	Per cent increase or (decrease) from previous year	Per cent of total	Amount	Per cent increase or (decrease) from previous year	Per cent of total
Federal government departments and agencies											
National Research Council	\$1,516,966	42.75	\$1,973,072	30.	40.13	\$2,696,894	37.	42.71	\$3,412,201	27.	47.52
Medical Research Council	632,055	17.81	896,874	42.	18.24	1,285,083	43.	20.35	1,240,298	(3.)	17.27
Health and Welfare	40,701	1.15	78,694	93.	1.60	152,628	94.	2.42	64,520	(58.)	.90
Defence Research Board	49,450	1.39	50,853	3.	1.03	133,925	163.	2.12	127,662	(5.)	1.78
Agriculture	18,800	.53	50,940	171.	1.04	59,600	17.	.94	86,525	45.	1.20
Canada Council						26,997	—	.43	196,827	629.	2.74
Geological Survey of Canada						20,020	—	.32	30,710	53.	.43
Other	50,900	1.43	36,127	(29.)	.74	86,678	140.	1.37	93,018	7.	1.30
Total	2,308,873	65.06	3,086,560	34.	62.78	4,461,825	45.	70.66	5,251,761	18.	73.14
Provincial government departments and agencies											
Agriculture	150,332	4.24	632,910	321.	12.87	256,495	(59.)	4.06	233,239	(9.)	3.24
Public Health	124,236	3.50	134,716	8.	2.74	194,336	44.	3.08	258,310	33.	3.60
Attorney General						14,000	—	.22	25,000	79.	.35
Total	274,568	7.74	767,626	180.	15.61	464,831	(39.)	7.36	516,549	11.	7.19
Municipalities, schools, and counties											
	7,266	.20	53,071	630.	1.08	24,686	(53.)	.39	18,435	(25.)	.26
United States government											
	128,800	3.63	47,193	(63.)	.96	107,348	127.	1.70	21,696	(80.)	.30
Associations, foundations, institutes, etc.											
National Cancer Institute	216,032	6.09	236,252	9.	4.81	275,698	17.	4.37	259,803	(6.)	3.62
United States	94,976	2.68	145,646	53.	2.96	145,364	(.2)	2.30	149,459	3.	2.08
Alberta Heart Foundation	63,415	1.79	101,212	60.	2.06	116,732	15.	1.85	155,890	34.	2.17
Alberta Dairy Association	28,500	.80	32,140	13.	.65	45,552	42.	.72	38,095	(16.)	.53
Edmonton Civil Employees Welfare Chest Fund	15,000	.42	42,000	180.	.85	17,000	(60.)	.27	20,000	18.	.28
Muscular Dystrophy Association	65,700	1.85	28,725	(56.)	.59	39,550	38.	.63	59,420	50.	.83
Canadian Association of Retarded Children						22,385	—	.35	43,225	93.	.60
University Mason Facility (TRIUMF)									90,000	—	1.25
Research Council of Alberta									13,000	—	.18
Other	75,764	2.13	55,222	(27.)	1.12	81,699	48.	1.29	98,809	21.	1.38
Total	559,387	15.76	641,197	15.	13.04	743,980	16.	11.78	927,701	25.	12.92
Business and Industry											
Canada	41,605	1.17	99,754	140.	2.03	95,379	(4.)	1.51	104,748	10.	1.46
United States	33,659	.95	13,997	(58.)	.28	17,215	23.	.27	19,588	14.	.27
Total	75,264	2.12	113,751	51.	2.31	112,594	(1.)	1.78	124,336	10.	1.73
The University of Alberta operating budget											
	84,000	2.37	108,222	29.	2.20	274,641	154.	4.35	284,450	4.	3.96
Revenue re animal care											
	70,606	1.99	86,002	22.	1.75	100,398	17.	1.59	22,768	(77.)	.32
Individuals											
	40,029	1.13	12,965	(68.)	.27	14,911	15.	.24	9,803	(34.)	.14
Other											
						8,941	—	.15	3,200	(64.)	.04
Totals	\$3,548,794	100.	\$4,916,588	39.	100.	\$6,314,156	28.	100.	\$7,180,699	14.	100.

Compiled by the Research Grants and Contracts Office.

weeks. The access road situated between 90 and 91 Avenues will be closed from the northeast corner of the Old Power House to 112 Street, to permit construction of Phase 2B of the services tunnel. This will be in effect on February 23 for approximately two months.

EXHIBITION OF UNIVERSITY COLLECTIONS

The Provincial Museum and Archives is displaying an exhibition of artifacts from the various collections belonging to the University. The exhibition is entitled "A University Collects" and will run until May 11. Included

in the display are items from the Molly Cork Congo Collection; the Hornby Eskimo Collection; the Wilson Eskimo Collection; the Norton Collection of Roman Glass and Grecian Pottery; the Dentistry Collection of prehistoric dental casts; the F. A. Scherrer Collection of Antiques; a sample of brain coral; a geology display; a Burmese bamboo book; as well as several paintings by F. H. Varley, Victor Vasarely, and A. Y. Jackson.

THE ALBERTA ATLAS

The University Bookstore expects to have copies of the Atlas in stock shortly. Departments

wishing to purchase copies for Department libraries may take advantage of the special rate available to educational institutions of \$15 per copy (regular price \$20). Such orders must be submitted to the Bookstore on University indent orders. Individuals may obtain copies from the University Bookstore, city booksellers or, by mail, from the Technical Division of the Department of Lands and Forests, Natural Resources Building, Edmonton. Individuals are not eligible for the \$15 rate, but the Bookstore price to University personnel is \$19.

THIS WEEK AND NEXT

27 FEBRUARY, FRIDAY

University Art Gallery And 28 February. Walter Diethelm: Typefaces. Organized by the University Art Gallery and Museum.

SUB Art Gallery Provincial Museum Until 10 March. An exhibition of industrial design and sculpture by Jeremy Moore. Until May 11. Exhibition: "A University Collects." A selection from the various collections of the University.

Men's Curling And 28 February. 9 a.m. - 9 p.m., Students' Union Curling Rink. Western Canadian Intercollegiate Athletic Association.

Department of Music Concert 8:30 p.m., Convocation Hall, Arts Building. The St. Cecilia Chamber Orchestra. Conducted by MICHAEL BOWIE, Assistant Professor of Music. Admission is free.

28 FEBRUARY, SATURDAY

West Indian Week 8:30 p.m., Room at the Top, Students' Union Building. Tropical night club.

1 MARCH, SUNDAY

Department of Music Concert 8:30 p.m., Convocation Hall, Arts Building. Oboe and violin recital. DAYNA FISHER, oboe, and LAWRENCE FISHER, piano, and a string ensemble. Works by Schubert, Saint-Saens, Violet Archer, and the Bach Double Concerto for Violin and Oboe in C minor. Admission is free.

2 MARCH, MONDAY

West Indian Week 9 a.m. - 6 p.m., Meditation Room, Students' Union Building. Exhibition of West Indian arts and crafts.

Film Society

7:30 p.m., Room TL-11, Henry Marshall Tory Building. *La Chute de la Maison d'Usher*. Jean Epstein. France, 1928. *Dead of Night*. Britain, 1945. Classic series.

4 MARCH, WEDNESDAY

Drama Recording 12 noon, Room V-129, Physical Sciences Building. Albee: *Who's Afraid of Virginia Woolf?*

Historical Society of Alberta 8 p.m., Provincial Museum and Archives. WALTER H. JOHNS. "The Early Years of The University of Alberta."

Chamber Music Society 8:30 p.m., Convocation Hall, Arts Building. The Zurich Chamber Octet. Music by Mozart, Tischhauser, and Schubert.

5 MARCH, THURSDAY

Drama Recording 12:30 p.m., Room TL-12, Henry Marshall Tory Building. Albee: *Who's Afraid of Virginia Woolf?*

West Indian Week 9 a.m. - 6 p.m., Meditation Room, Students' Union Building. Exhibition of West Indian arts and crafts. 8:30 p.m., Students' Union Theatre. Variety concert.

Medieval Guild 8:15 p.m., Room 14-14, Henry Marshall Tory Building. Meeting of the Guild for Medieval and Renaissance Studies. RICHARD BOSLEY, Assistant Professor of Philosophy. "Neoplatonic Influences on Alfarabius."

6 MARCH, FRIDAY

West Indian Week 9 p.m., Hazeldean Community Centre. Carnival style "Jump-up." West Indian steel band and combos.

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by GILLIAN BUTLER, 432-4991.

POSITIONS VACANT

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested persons, who are asked not to approach the departments directly.

Secretary I (\$395-\$481)—Dean of Medicine
Secretary II (\$481-\$585)—Linguistics
Library Assistant I (\$359-\$437)—Extension Library, Library
Library Clerk II (\$281-\$342)—Library
Clerk I (\$243-\$295)—Student Health Services
Clerk-Typist I (\$243-\$295)—Duplicating
Clerk-Typist II (\$281-\$342)—Surgery; Sociology; Physics; Comptroller's Office; Physical Plant; Faculty of Arts; Educational Research
Clerk-Steno II (\$295-\$359)—Student Awards; Chemical and Petroleum Engineering
Bookkeeper I (\$268-\$326)—Agricultural Economics
Personnel Assistant (open)—Personnel
Administrative Assistant (open)—Ophthalmology
Electronic Technician I (\$458-\$557)—Physics
Biochemistry Technologist I (\$505-\$614)—Cancer Research Unit

Biology Technician I (\$377-\$458)—Genetics
Office Equipment Technician II (\$437-open)—Technical Services
Chemical Technologist (\$505-\$614)—Chemical and Petroleum Engineering
Biology Technologist I (\$505-\$614)—Genetics
Instrument Technologist (\$505-\$614)—Chemistry
Laboratory Instructor-Manager (open)—Chemistry
Biochemistry Technologist I (\$505-\$614)—Cancer Research Unit
Bacteriology Technologist I (\$437-\$531)—Provincial Laboratory
Warehouseman (\$326-\$395)—Bookstore
Applications Assistant (\$531-\$645)—Institutional Research and Planning
Programmer II (\$585-\$711)—Systems Planning and Development
Offset Pressmen (open)—Duplicating
Draftsman I (\$377-\$458)—Purchasing
Photographer II (\$437-\$531)—Dentistry
Technical Assistant—Electrical (open)—Physical Plant
Floor Compositor (open)—Printing

PERSONAL NOTICES

Notices must reach the Editor by 9 a.m. the Friday prior to publication. They must be typed, and not exceed 35 words including heading.

WANTED TO RENT—Furnished three- or four-bedroom house, preferably in University area, for one year from August, 1970. 433-8277.

FOR SALE—1969 Camaro. Excellent condition, 350 cubic inches, power steering and brakes, automatic transmission, many other extras. Phone Mr. Kankewitt, 432-5230 (days), or 488-7615 (evenings).

FOR RENT—Furnished house in Windsor Park. 1,630 square feet on main floor, 3 bedrooms, completed basement. Available June 1, 1970 to August 31, 1971. 433-1832.

FOR SALE—By owner. Five-bedroom, ravine view home in Westbrook Drive. 434-7862.

WANTED TO RENT—Three- or four-bedroom home with family or rumpus room. Any time before September. Preferably southwest. 432-4081, or 434-6565.

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